

# Planned Lifecycle Asset Replacement: College -- No. 926659

Category  
Agency  
Planning Area  
Relocation Impact

**Montgomery College**  
**Montgomery College**  
**Countywide**  
**None**

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

**May 20, 2005**  
**20-14 (05 App)**  
**NO**

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Rem. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,299	340	9	950	100	150	150	150	200	200	0
Land											
Site Improvements and Utilities											
Construction	20,057	7,108	124	12,825	900	2,125	1,850	2,350	2,800	2,800	0
Other											
<b>Total</b>	<b>21,356</b>	<b>7,448</b>	<b>133</b>	<b>13,775</b>	<b>1,000</b>	<b>2,275</b>	<b>2,000</b>	<b>2,500</b>	<b>3,000</b>	<b>3,000</b>	<b>0</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	19,416	5,508	133	13,775	1,000	2,275	2,000	2,500	3,000	3,000	0
Current Revenue: General	1,940	1,940	0	0	0	0	0	0	0	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides funding for a comprehensive lifecycle renewal and replacement program to protect the investment in College facilities and equipment and to meet current safety and environmental requirements. Funding also provides for project management staff and/or services. This collegewide project is targeted at deteriorating facilities and deferred maintenance of major building systems. This project includes: (1) HVAC system renovation/replacement; (2) major mechanical/plumbing equipment renovation/replacement; (3) interior and exterior lighting system renovation/replacements; (4) electrical service/switchgear renovation/replacement; (5) building structural and exterior envelope refurbishment; (6) parking lot/roadway/sidewalk replacement; (7) asbestos removals not tied to building renovations; (8) major carpet replacement; (9) underground petroleum tank upgrades; and (10) site utility replacement/improvements.

### JUSTIFICATION

In August 2002, the College completed a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment identified a \$57.8 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements.

### Plans and Studies

Schematic Design for Curtain Wall Remediation - Macklin Tower (5/25/01), Curtain Wall and Building Envelope Investigation - Macklin Tower (3/16/01), Collegewide Facilities Condition Assessment (8/02), and Collegewide Facilities Master Plan (January, 2004).

### Cost Change

Cost increase to fund corrective work identified in the Facilities Condition Assessment, including project administration.

### STATUS

Ongoing.

### OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (#946657) (BOT Resol. #93106, #9426 & #94128); \$185,000 to Rockville Surge Building (#966665) (BOT Resol. #11-2291 - 1/21/97); and \$7,000 to Planning, Design & Construction (#906605) (BOT Resol. #01-153). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (#886676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (#956643) (BOT Resol. # 98-82 - 6/15/98). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort.

FY2006 Appropriation: \$2,275,000 (G.O. Bonds).

\* Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP	
Date First Appropriation FY93 (\$000)	This project is coordinated with the Rockville, Takoma Park and Germantown Campus Utility Master Plans, building renovations on the Rockville and Takoma Park Campuses, and the following projects:  Elevator Modernization: College (CIP#046600) Energy Conservation: College (CIP#816611) Facility Planning: College (CIP#886686) Life Safety Improvements: College (CIP#046601) Macklin Tower Alterations (CIP#036603) Roof Replacement: College (CIP#876664) TP Central Plant (CIP#016600)		
Initial Cost Estimate			3,000
First Cost Estimate			
Current Scope FY03			22,081
Last FY's Cost Estimate			20,581
Present Cost Estimate			21,356
Appropriation Request FY06			2,275
Supplemental			
Appropriation Request FY05			0
Transfer			0
Cumulative Appropriation			8,581
Expenditures/Encumbrances			7,488
Unencumbered Balance			1,093
Partial Closeout Thru FY03			0
New Partial Closeout FY04			0
Total Partial Closeout	0		